



City Hall ♦ 333 West Ellsworth Street ♦ Midland, Michigan 48640 ♦ 989.837.3300 * 989.837.2717 Fax ♦ www.cityofmidlandmi.gov

REGULAR MEETING OF THE MIDLAND CITY COUNCIL
City Hall, 333 W. Ellsworth Street

December 12, 2016

7:00 PM

AGENDA

CALL TO ORDER - Maureen Donker, Mayor

PLEDGE OF ALLEGIANCE TO THE FLAG

Boy Scout Troop 763 - First Baptist Church

ROLL CALL - Thomas W. Adams
Steve Arnosky
Diane Brown Wilhelm
Maureen Donker
Marty A. Wazbinski

CONSIDERATION OF ADOPTING CONSENT AGENDA ITEMS:

All resolutions marked with an asterisk are considered to be routine and will be enacted by one motion. There will be no separate consideration of these items unless a Council member or citizen so requests during the discussion stage of the "Motion to adopt the Consent Agenda as indicated." If there is even a single request the item will be removed from the consent agenda without further motion and considered in its listed sequence in regular fashion.

APPROVAL OF MINUTES:

1. * Approve minutes of the December 5 special and regular City Council meetings.
TISDALE

PROCLAMATIONS, AWARDS, RECOGNITIONS, PRESENTATIONS:

2. Presentation of Excellence in Safety Award Received from Great Lakes Safety Training Center. STONE

PUBLIC HEARINGS:

PUBLIC COMMENTS, IF ANY, BEFORE CITY COUNCIL. This is an opportunity for people to address the City Council on issues that are relevant to Council business but are not on the agenda.

ORDINANCE AMENDMENTS:

RESOLUTIONS:

Considering purchases and contracts:

3. Non-Motorized Wayfinding Signage. KAYE

4. Aluminum for Trickling Filter Arms - Wastewater. SOVA

Setting a public hearing:

NEW BUSINESS:

TO CONTACT THE CITY WITH QUESTIONS OR FOR ADDITIONAL INFORMATION:

Citizen Comment Line:	837-3400
City of Midland website address:	www.cityofmidlandmi.gov
City of Midland email address:	cityhall@midland-mi.org
Government Information Center:	located near the reference desk at the Grace A. Dow Memorial Library

Backup material for agenda item:

1. * Approve minutes of the December 5 special and regular City Council meetings.
TISDALE

UNAPPROVED

December 5, 2016

A special meeting of the City Council was held on Monday, December 5, 2016, at 6:00 p.m. in Conference Room A in City Hall. Mayor Donker presided.

Councilmen present: Thomas Adams, Steve Arnosky, Diane Brown Wilhelm, Maureen Donker, Marty Wazbinski

Councilmen absent: None

CLOSED SESSION

The following resolution was offered by Councilman Wazbinski and seconded by Councilman Brown Wilhelm:

RESOLVED, that in accord with Section 8(c) of Public Act 267 of the Public Acts of the State of Michigan of 1976, as amended, and upon adoption of this resolution by at least four affirmative votes of the City Council, the City Council shall immediately adjourn to a closed session to discuss strategy in connection with collective bargaining negotiations. (Motion ADOPTED by a Roll Call Voice Vote.)

Being no further business the meeting adjourned to a closed session at 6:01 p.m.

Jon Lynch, Deputy City Clerk

December 5, 2016

A regular meeting of the City Council was held on Monday, December 5, 2016, at 7:00 p.m. in the Council Chambers of City Hall. Mayor Donker presided. The Pledge of Allegiance to the Flag was recited in unison.

Councilmen present: Thomas Adams, Steve Arnosky, Diane Brown Wilhelm, Maureen Donker, Marty Wazbinski
Councilmen absent: None

MINUTES

Approval of the minutes of the November 21, 2016 regular meeting was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski. (Motion ADOPTED.)

NON-MOTORIZED TRANSPORTATION COMMITTEE REPORT

Assistant City Manager for Development Services Brad Kaye introduced David Waite, Chair of the Non-Motorized Transportation (NMT) Committee, who reported on NMT activities in the community.

2016-17 PLANNING DEPARTMENT BUDGET AMENDMENT – WAYFINDING SIGNS

Assistant City Manager for Development Services Brad Kaye presented information on an amendment to the 2016-17 Planning Department budget for the purpose of receiving funds from the Midland Area Community Foundation for the installation of non-motorized wayfinding signs. A public hearing opened at 7:30 p.m., recognizing no public comments, the hearing closed at 7:30 p.m. The following resolution was then offered by Councilman Adams and seconded by Councilman Arnosky:

WHEREAS, the City Planning & Community Development Department, in cooperation with the Entranceways Initiatives Task Force of the Midland Area Community Foundation, has undertaken a project for wayfinding signage along area non-motorized pathways; and

WHEREAS, the Foundation has allocated \$95,400.00 in funds to be granted to the City of Midland to cover the costs of fabrication and installation of these signs; and

WHEREAS, the approved funds are not included in revenue of the current City Planning Department budget for fiscal year 2016-17; and

WHEREAS, the additional expenditure of \$95,400.00 for the fabrication and installation of the signs is not provided for in the current fiscal year 2016-17 budget; and

WHEREAS, it is necessary to amend the FY 2016-17 Planning Department budget for the purpose of receiving the Midland Area Community Foundation funding for the fabrication and installation of new non-motorized wayfinding signs and allowing for the expenditure thereof; now therefore

RESOLVED, that the FY 2016-17 Planning Department budget is hereby amended by increasing revenues and expenditures in the amount of \$95,400.00 being funding from the Midland Area Community Foundation for the fabrication and installation of new non-motorized wayfinding signs. (Motion ADOPTED.)

PUBLIC COMMENTS

No public comments were made.

MEMO OF UNDERSTANDING & RESTRICTIVE COVENANT – DIOXIN REMEDIATION

Assistant City Manager for Development Services Brad Kaye presented information on a Memorandum of Understanding with The Dow Chemical Company and the enactment of a Declaration of Restrictive Covenant in support of dioxin remediation activities. The following

UNAPPROVED

resolution was then offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, the Michigan Department of Environmental Quality (MDEQ) requires certain dioxin remediation activities of the Dow Chemical Company (Dow) in an area known as the Midland Resolution Area (MRA); and

WHEREAS, Dow has analyzed more than 1,600 soil samples and remediated over 100 residential properties in the MRA; and

WHEREAS, Dow has attempted but has been unable to sample and analyze other residential properties within the MRA; and

WHEREAS, Dow is required by MDEQ to sample and analyze any properties proposing to convert from non-residential use to residential use in the MRA; and

WHEREAS, the City of Midland and Dow wish to enter into a Memorandum of Agreement governing city activities within the MRA, including notice to Dow of proposals to change land uses within the MRA; and

WHEREAS, the City of Midland and Dow wish further to voluntarily establish a Declaration of Restrictive Covenant on 19 city-owned and Agricultural zoned properties; now therefore

RESOLVED, that Midland City Council hereby approves the proposed Memorandum of Agreement with the Dow Chemical Company and the proposed Declaration of Restrictive Covenant; and

RESOLVED FURTHER, that the Mayor and City Clerk be authorized to execute both the Memorandum of Agreement and the Declaration of Restrictive Covenant subject to final technical review of the property listings and legal descriptions by the City Attorney. (Motion ADOPTED.)

2016 ANNUAL CONSTRUCTION PROGRESS REPORT

City Engineer Brian McManus presented an update on the 2016 Annual Construction Progress. The following resolution was then offered by Councilman Arnosky and seconded by Councilman Brown Wilhelm:

WHEREAS, the City Engineer reported the status of completion for projects in the 2016 Construction Program; now therefore

RESOLVED, that City Council hereby receives and files the 2016 Construction Progress Report. (Motion ADOPTED.)

QUARTERLY FINANCIAL REPORT – SEPTEMBER 30, 2016

Assistant City Manager David Keenan presented the quarterly financial report for quarter ending September 30, 2016. The following resolution was then offered by Councilman Arnosky and seconded by Councilman Brown Wilhelm:

RESOLVED, that the quarterly financial information of the City of Midland, for the quarter ended September 30, 2016, is hereby acknowledged as being received by the Midland City Council on this date, and is ordered placed on file for public examination. (Motion ADOPTED.)

GRANTS RECEIVED – LIBRARY FASCIA RESTORATION

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, the City of Midland has received a grant in the amount of \$250,000 from the Alden and Vada Dow Family Foundations and a grant from The Herbert H. and Grace A. Dow Foundation in the amount of \$190,000 to fund the restoration of the exterior fascia on the Grace A. Dow Memorial Library; and

UNAPPROVED

WHEREAS, the funding from these grants will enhance the appearance and preserve the architectural heritage of the library and its importance to the community; now therefore
RESOLVED, that the City Council of the City of Midland hereby accept grants of \$440,000 from the Alden and Vada Dow Family Foundations and The Herbert H. and Grace A. Dow Foundation to fund the restoration of the exterior fascia on the Grace A. Dow Memorial Library. (Motion ADOPTED.)

PROPOSED 2016-17 LIBRARY FUND BUDGET AMENDMENT – FASCIA RESTORATION

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, the City of Midland has received grants in the amount of \$440,000 from the Alden and Vada Dow Family Foundations and The Herbert H. and Grace A. Dow Foundation to fund the restoration of the fascia on the library; and

WHEREAS, it is necessary to amend the 2016-2017 budget of the Grace A. Dow Memorial Library to include these funds; now therefore

RESOLVED, that in accord with Section 11.6 of the Charter of the City of Midland, a public hearing shall be conducted at 7:00 p.m. on Monday, January 9, 2017 in the Council Chambers of City Hall on a proposal to amend the 2016-2017 budget of the Grace A. Dow Memorial Library to increase revenues by \$166,000 and to increase expenditures by \$166,000 to fund the restoration of the building fascia on the library; and

RESOLVED FURTHER, that the City Clerk is hereby directed to give notice as provided in Section 5.11 of the Charter of the City of Midland. (Motion ADOPTED.)

CHOW CHOW HOLDINGS INC. LIQUOR LICENSE

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, Chow Chow Holdings Inc. is submitting application to the Michigan Liquor Control Commission for an on premise Class C liquor license issued under PA 501 of 2006; and

WHEREAS, it is necessary that Chow Chow Holdings Inc. be located within a development district as defined in PA 501 of 2006; and

WHEREAS, the Michigan Liquor Control Commission has determined that in addition to being located in a development district as defined by PA 501 of 2006, it is also necessary to certify that the development district is a redevelopment project area; now therefore

RESOLVED, that the Midland City Council hereby recommends that the request for an on premise Class C liquor license issued pursuant to Section 501 a (1) (b) of PA 501 of 2006 submitted by Chow Chow Holdings Inc. for a business to be located at 416 E. Ellsworth Street, Midland, Michigan be considered for approval by the Michigan Liquor Control Commission; and

RESOLVED FURTHER, that the City Council hereby certifies that the Downtown Development Authority, of the City of Midland, Michigan is a redevelopment project area and that the license to be located at 416 E. Ellsworth Street, Midland, Michigan is within the Downtown Development Authority and the redevelopment project area. (Motion ADOPTED.)

BROWNFIELD REDEVELOPMENT FINANCE AUTHORITY – REAPPOINT DUNN & COX

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

RESOLVED, that David Dunn and Rebecca Cox are hereby reappointed to the Brownfield Redevelopment Financing Authority for terms expiring December 1, 2019. (Motion ADOPTED.)

SCOUR PROTECTION – WACKERLY ROAD BRIDGE OVER STURGEON CREEK

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, the City Engineer has indicated the need for erosion protection on the Wackerly Road Bridge over Sturgeon Creek; and

WHEREAS, Wonsey Tree Service has provided a written proposal in the amount of \$74,000 to do this labor intensive work; and

WHEREAS, Section 2-18 of the Code of Ordinances provides that when sealed proposals are impractical, standard purchasing provisions may be waived upon four-fifths vote of the City Council; now therefore

RESOLVED, that the City Manager is hereby authorized to accept the proposal from Wonsey Tree Service in the amount of \$74,000 for said erosion protection work and directs the Assistant City Manager to provide necessary funding from the Major Street Fund including any currently funded Major Street Projects with excess reserves. (Motion ADOPTED.)

UTILITY POLE EMERGENCY REPAIR – WATER TREATMENT PLANT

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, in late August, Water Treatment Plant (WTP) staff noticed that a wood utility pole carrying the high-voltage electric service lines to the WTP was beginning to lean; and

WHEREAS, after receiving quotes to make the repair, staff scheduled with The Hydaker-Wheatlake Company of Caro to make repairs, and a purchase order in the amount of \$16,780.00 was administratively approved; and

WHEREAS, before the repairs could begin, Hydaker crews were summoned to southern states and the east coast in early October due to Hurricane Mathew, and were not able to begin the work; and

WHEREAS, on Sunday, October, 2016, the leaning wooden utility pole had a catastrophic failure, causing the top of the pole and four 4160 volt service lines to fall to the ground; and

WHEREAS, Hydaker dispatched emergency crews that had just arrived back in Michigan, to stabilize the remaining utility poles, while repairs were made over the next few days at a cost of \$28,472.04, requiring an increase to the existing purchase order of \$11,692.04; and

WHEREAS, Windemuller Inc. of Midland was also called in to make emergency repairs to conductors located on the same utility pole, which supplies power and control to an adjacent treatment service building, at a cost of \$5,345.00; and

WHEREAS, the pole replacement was not specifically budgeted, and requires an intra-fund budget transfer in the amount of \$33,817.04 (\$28,472.04 + \$5,345.00) to cover the emergency repairs made by both contractors; now therefore

RESOLVED, that an intra-fund budget transfer in the amount of \$33,817.04 is hereby authorized from the 2016/17 Water Enterprise Fund account #591.8990.98.000 - Reserve for Contingencies, to an operations account for the emergency repairs performed by Hydaker-Wheatlake and Windemuller; and

RESOLVED FURTHER, that an increase of \$11,692.04 to an existing purchase order with The Hydaker-Wheatlake Company for its portion of the emergency repairs, bringing the total amount to \$28,472.04 (\$16,780.00 + \$11,692.04). (Motion ADOPTED.)

WWTP ULTRAVIOLET DISINFECTION DESIGN ENGINEERING SERVICES – PO INCREASE

Utilities Director Joe Sova presented information on the purchase order increase to Moore & Bruggink, Inc. for Ultraviolet Disinfection Design Engineering Services at the Wastewater Treatment Plant. The following resolution was then offered by Councilman Brown Wilhelm and seconded by Councilman Arnosky:

UNAPPROVED

WHEREAS, the Wastewater Treatment Plant (WWTP) desires a process change to its current chlorine disinfection system to an ultraviolet (UV) disinfection process, which has become a more cost-effective alternative, while reducing risk to employees, the public, and the environment; and

WHEREAS, this past summer, City Council authorized WWTP staff to hire Moore and Bruggink, Inc. (M&B) of Grand Rapids to conduct a feasibility study to determine whether the City's WWTP would be a good candidate for the effective use of an ultraviolet (UV) disinfection process in the amount of \$24,000.00; and

WHEREAS, the results of the feasibility study indicated that the WWTP would be a good candidate for UV disinfection; and

WHEREAS, to proceed with the changeover to a UV disinfection system, the existing purchase order will need to be increased to provide for the expanded scope for the design engineering and construction bid documents phase of the project; and

WHEREAS, funding for the construction and bid document phase is budgeted in Capital Project WW1701 - Ultraviolet Disinfection System; now therefore

RESOLVED, that an increase of \$91,000.00 to an existing purchase order with Moore and Bruggink, Inc. of \$24,000.00, bringing the total amount of the purchase order to \$115,000.00 for design and construction document engineering services to change the Wastewater Treatment Plant's current chlorine disinfection system to an ultraviolet (UV) disinfection process; and

RESOLVED FURTHER, that the City Manager is authorized to approve changes to the purchase order in an aggregate amount not to exceed \$15,000.00. (Motion ADOPTED.)

WATER SERVICE FITTINGS PURCHASE

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, the City's Water Distribution Department repairs water mains, installs new services, and replaces corroded bolts and fittings throughout the distribution system; and

WHEREAS, many of these items require immediate attention when discovered, so it is necessary to have an inventory of fittings and parts available; and

WHEREAS, sealed bids for Bid No. 3834 Water Service Fittings, have been advertised and received in accord with Section 2-18 of the Midland Code of Ordinances; and

WHEREAS, staff considers the lone bid received from ETNA Supply of Grand Rapids to be acceptable, and recommends award for inventory purchases of water service fittings; and

WHEREAS, the purchases will be made from Water Enterprise Fund Account #591.13.031 – Water Parts Inventory; now therefore

RESOLVED, that a purchase order is hereby authorized to ETNA Supply of Grand Rapids in the amount of \$35,904.80 for inventory purchases of water service fittings; and

RESOLVED FURTHER, that the City Manager is hereby authorized to approve changes modifying the purchase order in an aggregate amount not to exceed \$5,000.00. (Motion ADOPTED.)

MANHOLE REHABILITATION – WASTEWATER

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, using data collected for the City's Geographic Information System (GIS) implementation, and the Wastewater Department's routine sewer maintenance, staff identified manholes throughout the City that are in need of rehabilitation; and

WHEREAS, staff observed some deterioration of the block and mortar due to age and/or hydrogen sulfide (H₂S), which is a corrosive acid created from the decomposition of the sewage,

UNAPPROVED

and determined that the manholes could be rehabilitated without the use of excavation and replacement; and

WHEREAS, sealed bids for Bid No. 3831, Manhole Rehabilitation, have been advertised and received in accord with Section 2-18 of the Midland Code of Ordinances; and

WHEREAS, staff considers the low unit price bid submitted by Advanced Underground Inspections, LLC of Westland, Michigan to be the most cost-effective in providing for the rehabilitation of approximately 75 sanitary manholes; and

WHEREAS, funding for the rehabilitation work is available in the 2016/17 Wastewater Enterprise Fund account #590.9120.97.050 – Capital Outlay Sewer System; now therefore

RESOLVED, that a purchase order is hereby authorized in the amount of \$100,000.00 to Advanced Underground Inspections, LLC, based on bid unit prices for the rehabilitation of approximately 75 sanitary sewer manholes; and

RESOLVED FURTHER, that the City Manager has the authority to approve changes to the purchase order in an aggregate amount not to exceed \$10,000.00. (Motion ADOPTED.)

UNLEADED AND DIESEL FUEL PURCHASE

The following resolution was offered by Councilman Brown Wilhelm and seconded by Councilman Wazbinski:

WHEREAS, City Council adopted a resolution on December 17, 2007 that allows the purchase of full tankers of unleaded gasoline and diesel fuel exceeding \$20,000, and seek approval for the purchase at the next City Council meeting; and

WHEREAS, City Council reviewed the process on December 21, 2009 and decided to continue as it still provides a significant cost savings to the City; and

WHEREAS, the volatility of the fuel market does not allow for staff to follow the usual sealed bid process for purchases exceeding \$20,000; and

WHEREAS, staff instead uses a competitive bid process whereby fuel vendors fax in prices that are valid for a particular day with the bid awarded to the lowest priced vendor; now therefore

RESOLVED, that the requirements for sealed proposals for the purchase of fuel are waived due to the volatility of the fuel market; and

RESOLVED FURTHER, that the purchase of 13,394 gallons of E10 ethanol blend unleaded and 12,003 gallons of Winter Blend diesel fuel from Super Flite Oil of Saginaw, Michigan for \$35,539.31 executed by the Senior Procurement Accountant on November 9, 2016, is hereby approved. (Motion ADOPTED.)

Being no further business the meeting adjourned at 8:45 p.m.

Selina Tisdale, City Clerk

Backup material for agenda item:

2. Presentation of Excellence in Safety Award Received from Great Lakes Safety Training Center. STONE

SUMMARY REPORT TO MANAGER

For City Council Meeting of 12/12/16

SUBJECT: PRESENTATION OF EXCELLENCE IN SAFETY AWARD
RECEIVED FROM GREAT LAKES SAFETY TRAINING CENTER

ITEMS

ATTACHED: Letter of Transmittal

COUNCIL

ACTION: No action necessary.

Carol Stone
Director of HR & Labor Relations



City Hall ♦ 333 West Ellsworth Street ♦ Midland, Michigan 48640-5132 ♦ 989.837.3300 ♦ 989.835.2717 Fax

December 8, 2016

Jon Lynch, City Manager
City of Midland
Midland, MI 48640

Dear Jon:

I am pleased to report that on Monday, December 5, 2016, Great Lakes Safety Training Center recognized the City for excellence in safety and its continued commitment to ensuring safety in both the workplace and the community.

During the past year, the City partnered with Great Lakes Safety Training Center to complete a safety training audit of all City positions and provided several safety related training programs for employees.

Please contact me if you have any questions regarding this award.

Sincerely,

Carol Stone
Director of Human Resources and Labor Relations

Backup material for agenda item:

3. Non-Motorized Wayfinding Signage. KAYE

**SUMMARY REPORT TO CITY MANAGER
For City Council Meeting 12-12-16**

SUBJECT: Purchase and Installation of Non-Motorized Wayfinding Signage

PETITIONER: City of Midland Planning Department

SUMMARY: THIS RESOLUTION AUTHORIZES A PURCHASE ORDER TO PRO IMAGE DESIGN, TRAVERSE CITY, MI FOR \$30,226.25 FOR THE PURCHASE AND INSTALLATION OF NON-MOTORIZED WAYFINDING SIGNAGE.

ITEMS ATTACHED:

1. Letter to City Manager
2. Bid Tabulation for Bid No. 3830
3. Design Documents (Intent, Location Plans, and Message Schedule)
4. Resolution for City Council Action

CITY COUNCIL ACTION:

1. 3/5 vote required to approve resolution.



C. Bradley Kaye, AICP, CFM
Assistant City Manager for Development Services

12-7-16



City Hall ♦ 333 West Ellsworth Street ♦ Midland, Michigan 48640-5132 ♦ 989.837.3300 ♦ 989.835.2717 Fax ♦ www.cityofmidlandmi.gov

December 8, 2016

Jon Lynch, City Manager
City Hall – 333 West Ellsworth Street
Midland, Michigan

Dear Mr. Lynch:

The Entranceways Initiatives Task Force of the Midland Area Community Foundation has asked the City Planning & Community Development Department to complete a project for wayfinding signage along area non-motorized pathways. The signs are intended to complement the existing wayfinding signage that is throughout the city on streets but be scaled in a way that is appropriate for pedestrians, bicyclists, and other users of the area's non-motorized pathways. Costs of fabrication and installation of the signs will be covered by a grant from the Midland Area Community Foundation, which was formally accepted by resolution of Midland City Council on December 5, 2016.

The City Planning & Community Development Department began this project by convening a focus group to begin researching where the signs should be located, what points of interest should be located on the signs, and how the signs should be designed. The focus group consisted of representation from the Greater Midland Community Center, the City's Non-Motorized Transportation Committee, Midland County Parks and Recreation, Midland Area Chamber of Commerce, The Friends of the Pere Marquette Rail-Trail, Mid-Michigan Multisport, Chippewa Nature Center, Momentum Midland, the Midland Downtown Development Authority, and City Parks & Recreation. The focus group also utilized the professional wayfinding signage assistance of Good Design Group and Gene Ullery-Smith Graphic Design.

Ultimately, the focus group was able to decide on a set of sign styles, locations of the signs, and the points of interest to be highlighted on the signs. These choices were forwarded as recommendations to the Entranceways Initiatives Task Force for their review. Following review by the Task Force, the signs were then forwarded to the City Parks & Recreation Commission and the Midland County Parks & Recreation Commission for review and approval. During their meeting on August 3, 2016, the City Parks & Recreation Commission unanimously approved a recommendation for the City Council to approve the signs. On December 5, the City Council approved the acceptance of the grant funds to cover the fabrication and installation of the signs and amended the Planning Department budget accordingly.

A competitive procurement process in accordance with Article II of Chapter 2 of the Midland Code of Ordinances was conducted, and sealed proposals were advertised and received. Following review of the received bids, staff is supportive of selecting the lowest bidder, Pro Image Design, to complete the fabrication and installation of said signs. It is recommended that City Council accept the proposal submitted by Pro Image Design of Traverse City for the Non-Motorized Wayfinding Signage in the amount of \$30,226.25.

Pedestrian Wayfinding Signage

A 3/5 vote is required to approve the attached resolution.

Respectfully,

A handwritten signature in blue ink that reads "C. Bradley Kaye". The signature is written in a cursive, flowing style.

C. Bradley Kaye, AICP, CFM
Assistant City Manager for Development Services

Tiffany Jurgess
Senior Procurement Accountant

CITY OF MIDLAND, MICHIGAN
TABULATION FOR BID #3830
PEDESTRIAN WAYFINDING SIGNAGE

November 15, 2016

<u>BIDDER</u>	<u>LUMP SUM</u>
Pro Image Design, Traverse City, MI	\$30,226.25
Huron Sign Co, Ypsilanti, MI	\$35,880.00
Signworks of Michigan, Kentwood, MI	\$45,450.00
J Ranck Electric, Mt. Pleasant, MI	\$47,028.00
Eagle Sign & Design, New Albany, IN	\$50,766.00
Fairmont Sign Co, Detroit, MI	\$51,255.00
Signs by Crannie, Flint, MI	\$51,778.71
Sova Excavating and Trucking, Inc.	\$54,968.25
Bill Carr Signs, Inc., Flint, MI	\$79,720.00
Universal Sign, Inc. Grand Rapids, MI	\$106,935.00

City of Midland, Pedestrian Wayfinding

Design Intent, Location Plans
and Message Schedule

Klinik Slab Medium
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

Adelle Sans Regular
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

Materials and Processes



Colors

	CMYK	Powder Coat	Paint
Red	0-95-94-28	Matthews Paint MP08514 Enzo Red	Matthews Paint MP08514 Enzo Red
Green	89-0-43-65	Matthews Paint MP15916 Prince Edward Green	Matthews Paint MP15916 Prince Edward Green
Yellow	0-5-98-0	Matthews Paint MP01119 Winter Cress Yellow	Matthews Paint MP01119 Winter Cress Yellow
Blue	86-8-0-0	Matthews Paint MP09133 Process Cyan U	Matthews Paint MP09133 Process Cyan U
White	0-0-0-0	Matthews Paint MP32071 White Wonder	Matthews Paint MP32071 White Wonder



Gene Ullery-Smith
989 859 8386
gene@ullerysmith.com
www.ullerysmith.com



989 600 2796
good@gooddesigngroup.com
www.gooddesigngroup.com

Client
City of Midland

Project
Pedestrian Wayfinding

Date	Status
May 2016	Concept
June 2016	Revised Concept
August 2016	Revised Concept
Sept 2016	Design Intent

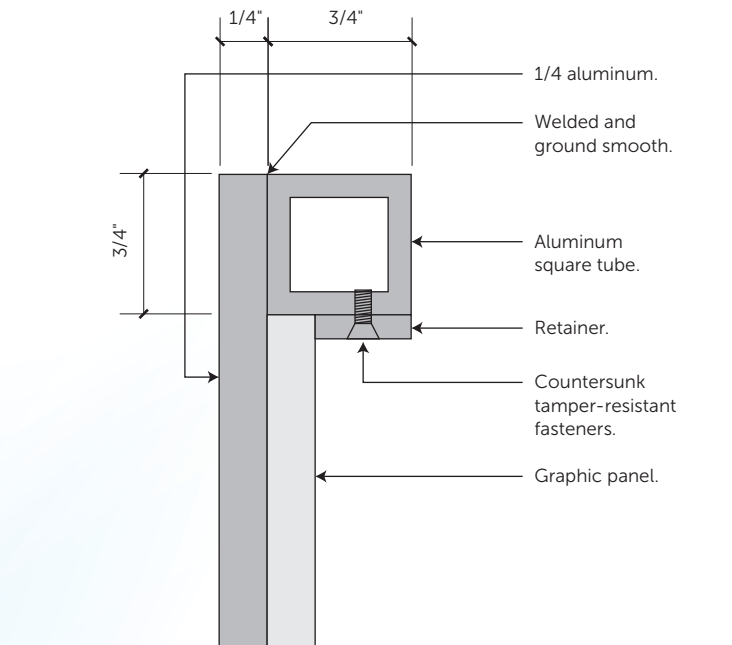
Scale
NTS

Notes

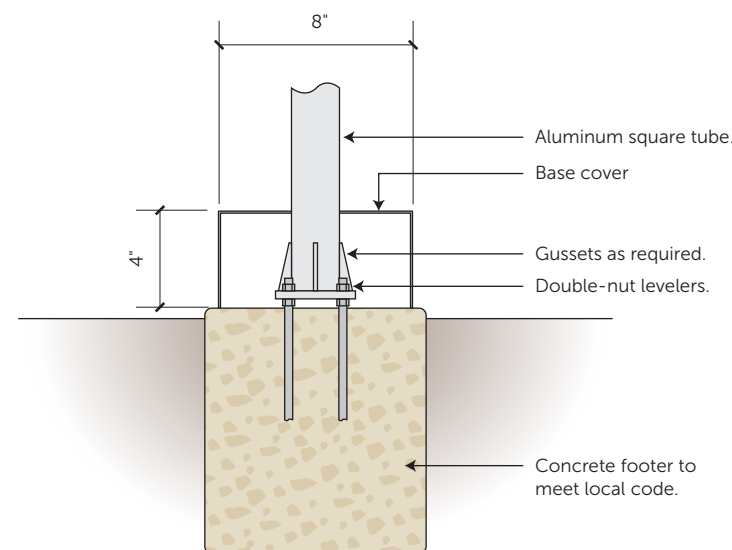
Sheet
Specifications



Front
Scale: 1" = 1'



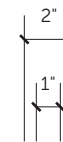
Section
1" = 1"



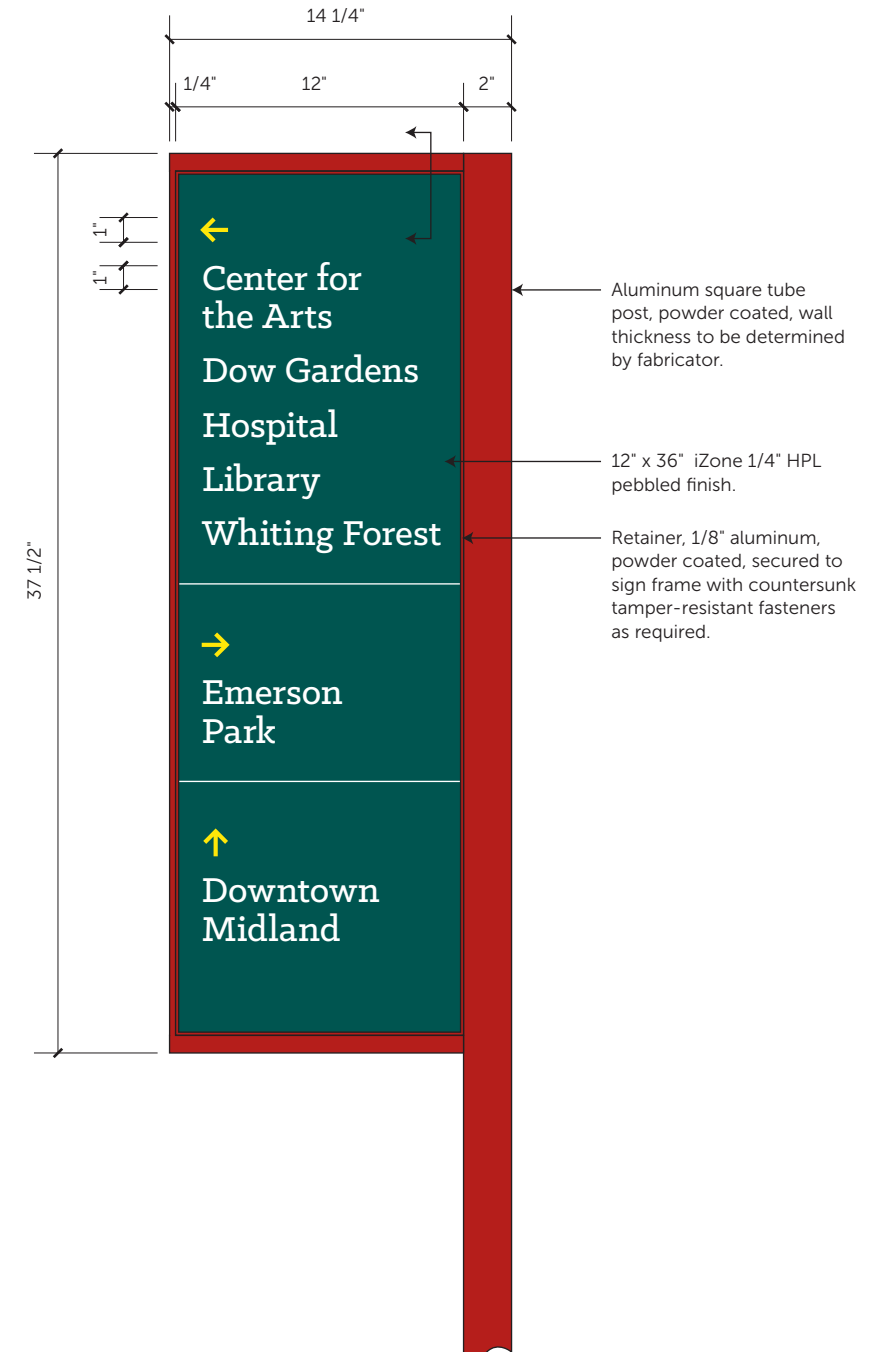
Footer Detail
1 1/2" = 1'



Top
1 1/2" = 1'



Side
1 1/2" = 1'



Front Detail
1 1/2" = 1'



Gene Ullery-Smith
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Client
City of Midland

Project
Pedestrian Wayfinding

Date	Status
May 2016	Concept
June 2016	Revised Concept
August 2016	Revised Concept
Sept 2016	Design Intent

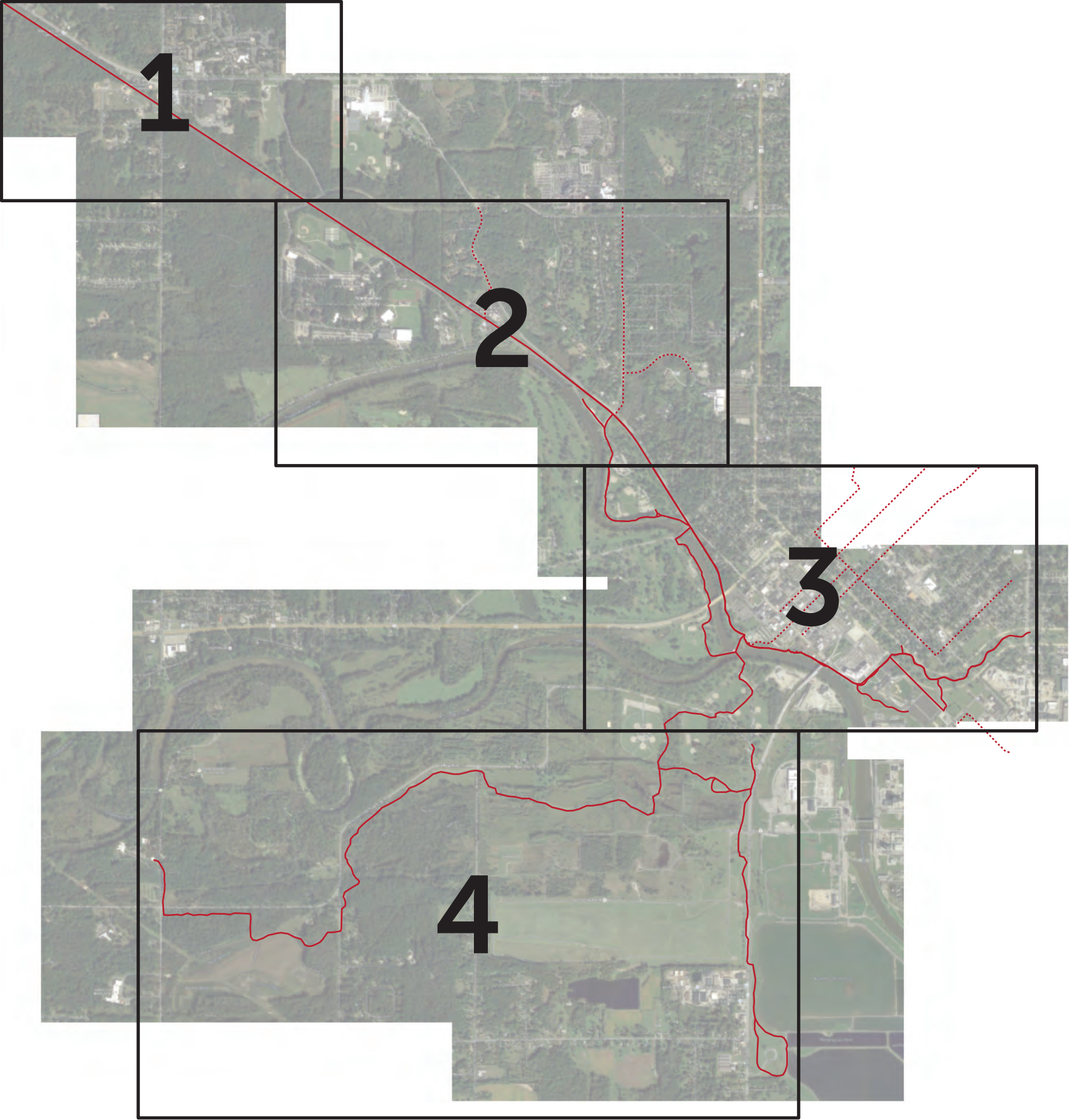
Scale
Various

Notes

Sheet
Guide



Chippewa Nature Center		Disc Golf		Whiting Overlook		Chippewassee Park		Skate Park	
🕒 3 miles 60 minutes		🕒 ¼ mile 5 minutes		🕒 1 ½ miles 30 minutes		1 minute 🕒		¼ mile 5 minutes 🕒	
		Front Scale: 1 1/2" = 1'							





Duck
Hunters
Memorial

005

015

010



Gene Ullery-Smith
989 859 8386
gene@ullerysmith.com
www.ullerysmith.com



989 600 2796
good@gooddesigngroup.com
www.gooddesigngroup.com

Client
City of Midland

Project
Pedestrian Wayfinding



Date	Status
May 2016	Concept
June 2016	Revised Concept

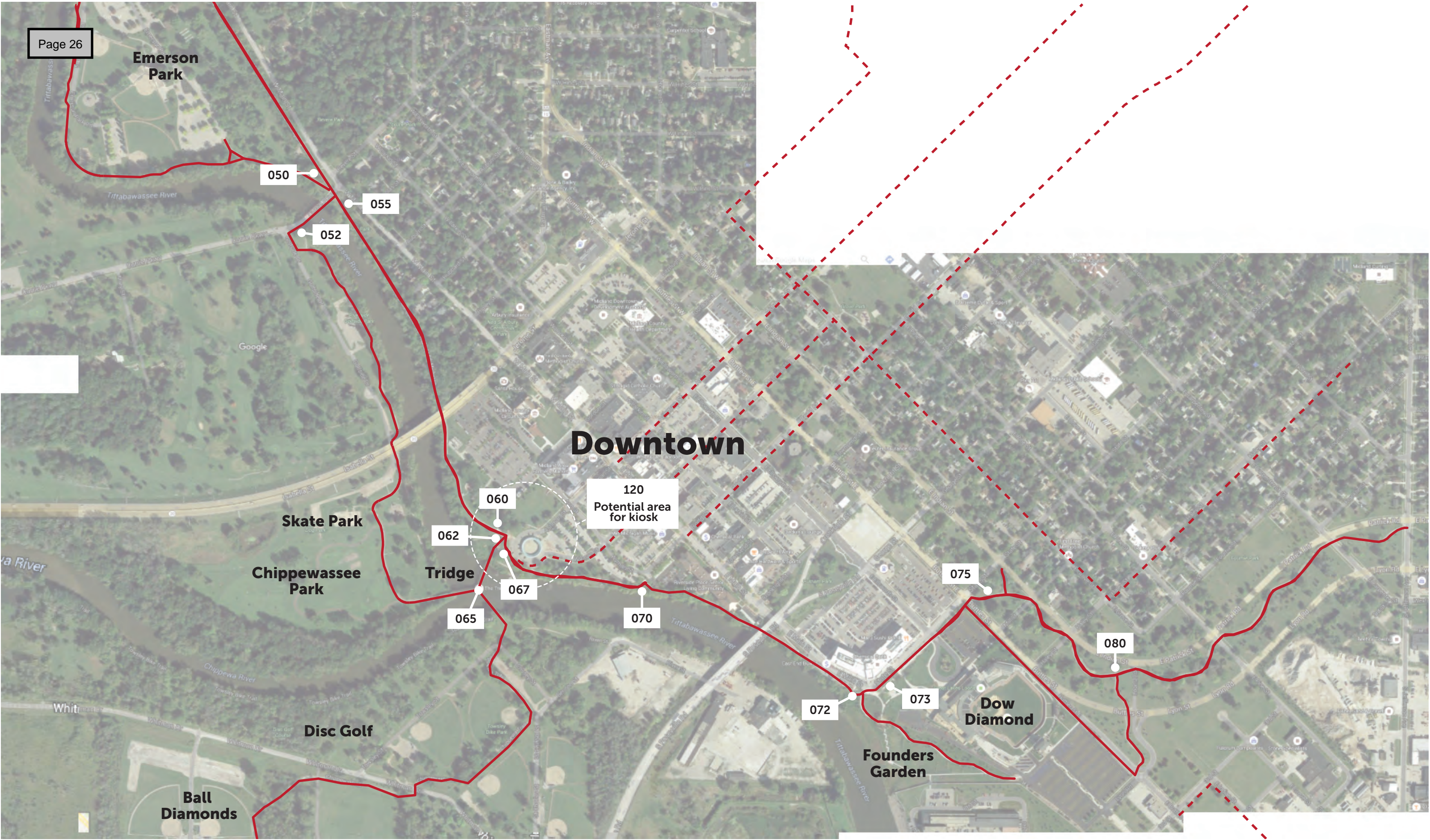
Scale
NTS



Notes

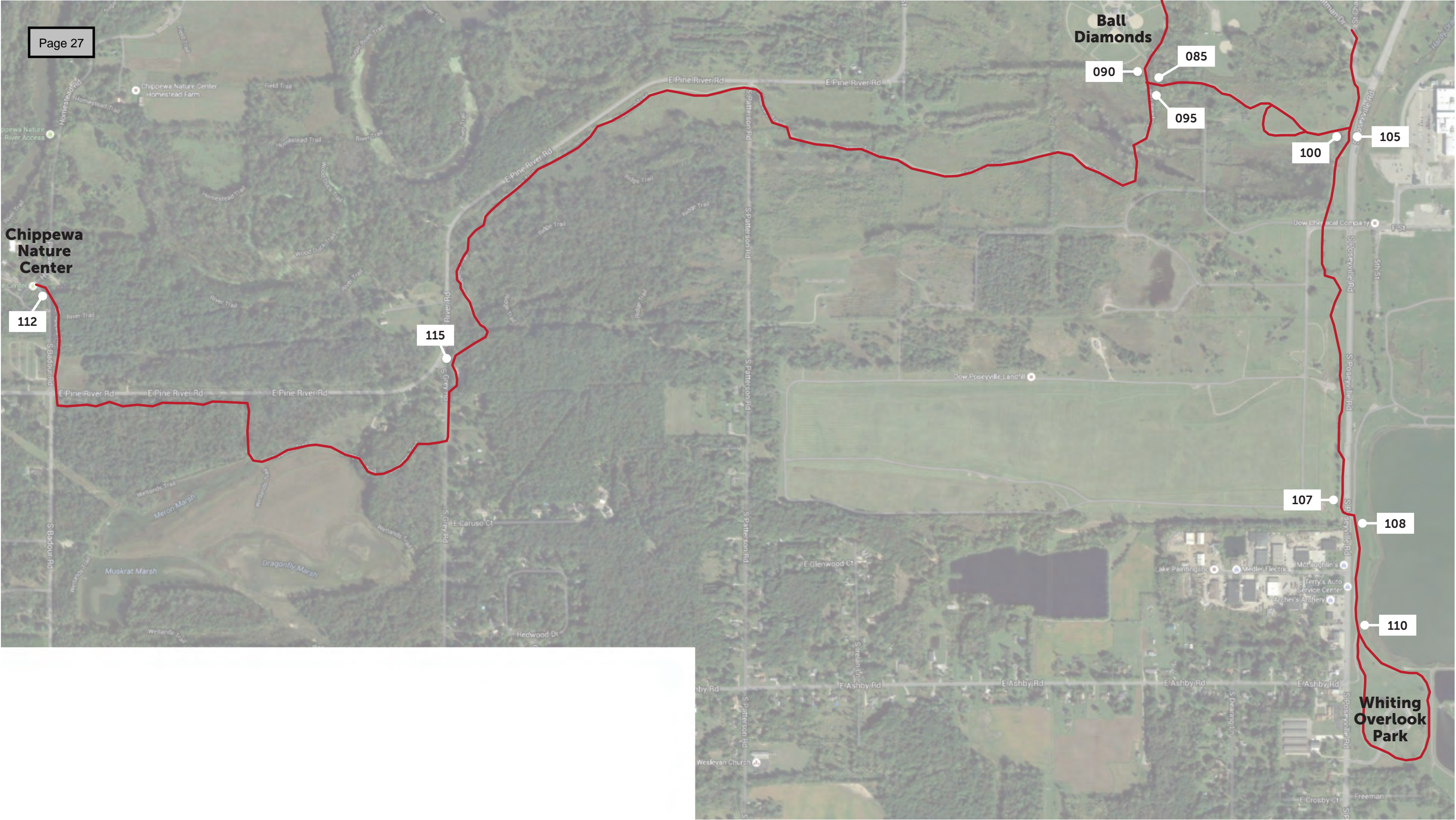
Sheet
Location Plan - 1







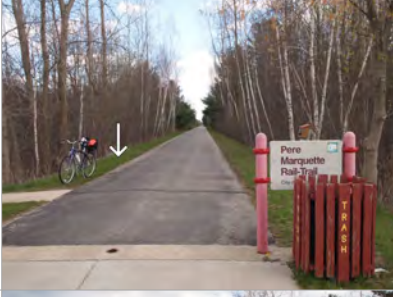



<div><div>Gene Ullery-Smith 989 859 8386 gene@ullerysmith.com www.ullerysmith.com</div></div>	<div><div>989 600 2796 good@gooddesigngroup.com www.gooddesigngroup.com</div></div>	<div>Client City of Midland</div>	<div>Project Pedestrian Wayfinding</div>	<div><div>Date</div><div>May 2016 June 2016</div></div> <div><div>Status</div><div>Concept Revised Concept</div></div>	<div><div>Scale</div><div>NTS</div></div>	<div><div>Notes</div></div>	<div><div>Sheet</div><div>Location Plan - 2</div></div>
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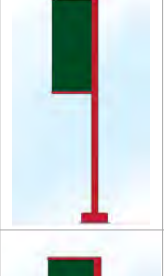











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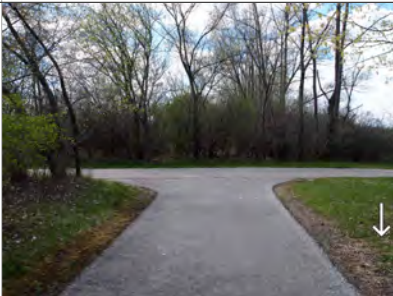
 <div>Gene Ullery-Smith 989 859 8386 gene@ullerysmith.com www.ullerysmith.com</div>	 <div>989 600 2796 good@gooddesigngroup.com www.gooddesigngroup.com</div>	Client City of Midland	Project Pedestrian Wayfinding	<table><tr><th>Date</th><th>Status</th></tr><tr><td>May 2016</td><td>Concept</td></tr><tr><td>June 2016</td><td>Revised Concept</td></tr></table>	Date	Status	May 2016	Concept	June 2016	Revised Concept	Scale NTS	Notes	Sheet Location Plan - 4
Date	Status												
May 2016	Concept												
June 2016	Revised Concept												


Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
005	Guide		^ Downtown Midland Emerson Park History Center Northwood University	Northwest		
010	Guide		^ Downtown Midland Emerson Park History Center Northwood University	Northwest		
015	Guide		^ Duck Hunters Memorial Sanford	Southeast		
020	Guide		> Northwood University ^ Downtown Midland Emerson Park History Center	Northwest		
025	Guide		< Northwood University ^ Duck Hunters Memorial Sanford	Southeast		
030	Guide		< Northwood University ^ Duck Hunters Memorial Sanford	Southeast		

Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
035	Guide		<p>< Center for the Arts Dow Gardens Hospital Library Whiting Forest</p> <p>> Emerson Park</p> <p>^ Downtown Midland</p>	Northwest		
040	Guide		<p>> Center for the Arts Dow Gardens Hospital Library Whiting Forest</p> <p>^ Northwood University History Center</p>	Southeast		
045	Guide		<p>> Center for the Arts Dow Gardens Library Whiting Forest</p> <p>^ Hospital</p>	South		
050	Guide		<p>> Chippewassee Park Dog Park Skate Park</p> <p>^ Downtown Midland Tridge</p>	Northwest		
052	Guide		<p>< Chippewassee Park Dog Park Skate Park</p>	Northeast		
055	Guide		<p>[Veer left arrow] Emerson Park</p> <p>^ Dahlia Hill History Center Northwood University</p>	Southeast		

Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
060	Guide		^ Emerson Park Dahlia Hill History Center Northwood University	East		
062	Guide		^ Chippewa Nature Center Chippewassee Park Disc Golf Dog Park Skate Park Whiting Overlook Park	Northeast		
065	Tridge Guide		<p>[Pointing West] Chippewassee Park 1/4 mile 5 minutes</p> <p>Dog Park 1/4 mile 5 minutes</p> <p>Skate Park 1/4 mile 5 minutes</p> <p>[Pointing Southeast] Chippewa Nature Center 3 1/2 miles 70 minutes</p> <p>Disc Golf 1/4 mile 5 minutes</p> <p>Whiting Overlook Park 2 miles 40 minutes</p> <p>[Pointing Northeast] Downtown Midland 1/4 mile 5 minutes</p> <p>Dow Diamond 1/2 mile 10 minutes</p> <p>Founders Garden 1/2 mile 10 minutes</p>	Various (See design intent drawings)		This sign type includes 3 discrete graphic panels mounted to separate rails.
067	Guide		^ Dow Diamond Founders Garden	North		

Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
070	Guide		> Dow Diamond Founders Garden	West		
072	Guide		> Founders Garden ^ Dow Diamond	West		
073	Guide		< Founders Garden ^ Downtown Midland Tridge	Northeast		
075	Guide		^ Downtown Midland Founders Garden Tridge	East		
080	Guide		< Downtown Midland Founders Garden Tridge	South		

Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
085	Guide		<p>< Chippewa Nature Center</p> <p>> Ball Diamonds Disc Golf Downtown Midland Tridge</p>	East		
090	Guide		<p>< Whiting Overlook Park</p> <p>^ Chippewa Nature Center</p>	North		
095	Guide		<p>^ Ball Diamonds Disc Golf Downtown Midland Tridge</p> <p>> Whiting Overlook Park</p>	South		
100	Guide		<p>> Whiting Overlook Park</p>	West		
105	Guide		<p>< Ball Diamonds Chippewa Nature Center Disc Golf Downtown Midland Tridge</p>	South		
107	Guide		<p>< Whiting Overlook Park</p>	North		

Sign Number	Sign Type		Message	Sign Face Direction	Location Image	Notes
108	Guide		< Ball Diamonds Chippewa Nature Center Disc Golf Downtown Midland Tridge	South		
110	Guide		^ Ball Diamonds Chippewa Nature Center Disc Golf Downtown Midland Tridge	South		
112	Guide		^ Ball Diamonds Disc Golf Downtown Midland Tridge Whiting Overlook Park	Northwest		
115	Guide		< Chippewa Nature Center > Ball Diamonds Disc Golf Downtown Midland Tridge Whiting Overlook Park	Southeast (Sign face parallel to trail)		
120	Kiosk		TBD	TBD		
125	Kiosk		TBD	TBD		



City Hall ♦ 333 West Ellsworth Street ♦ Midland, Michigan 48640-5132 ♦ 989.837.3300 ♦ 989.835.2717 Fax ♦ www.cityofmidlandmi.gov

BY COUNCILMAN

WHEREAS, the Midland Area Community Foundation has allocated funds to be granted to the City of Midland to cover the costs of fabrication and installation of non-motorized wayfinding signage along area non-motorized pathways; and

WHEREAS, sealed proposals were advertised and received in accord with Article II of Chapter 2 of the Midland Code of Ordinances for such signage, Bid No. 3830; and

WHEREAS, the low sealed bid proposal submitted by Pro Image Design, Traverse City, MI has been reviewed and determined to comply with City specifications; now therefore

RESOLVED, that the low sealed bid proposal meeting City specifications submitted by Pro Image Design, Traverse City, MI for pedestrian wayfinding signage for Bid No. 3830 is hereby accepted; and

RESOLVED FURTHER, that a purchase order in the amount of \$30,226.25 to Pro Image Design is hereby authorized in accord with this resolution and City Specifications; and

RESOLVED FURTHER, that the City Manager is authorized to approve changes to the purchase order in an aggregate amount not to exceed \$3,000.00.

YEAS:

NAYS:

ABSENT:

I, Selina Tisdale, City Clerk, City of Midland, Counties of Bay and Midland, State of Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by a yeaya vote of all the Councilmen present at a regular meeting of the City Council held Monday, December 12, 2016.

Selina Tisdale, City Clerk

Bid No. 3830

Wayfinding Signage

Backup material for agenda item:

4. Aluminum for Trickling Filter Arms - Wastewater. SOVA

SUMMARY REPORT TO MANAGER
For City Council Meeting of December 12, 2016

SUBJECT: WASTEWATER – ALUMINUM FOR TRICKLING FILTER ARMS, BID NO. 3832

INITIATED BY: Joe Sova, Utilities Director

RESOLUTION SUMMARY: This resolution accepts the lone bid submitted by Tru Steel Metals of Bedford, Ohio, and authorizes a purchase order in the amount of \$38,964.45 for the purchase of various aluminum pieces and fabrication of associated parts used for the operation of the “Trickling Filter” at the Wastewater Treatment Plant, in accord with Sec. 2-18 of the Code of Ordinances for the City of Midland.

ITEMS ATTACHED:

1. Letter of transmittal
2. Resolution

COUNCIL ACTION:

1. 3/5 vote required to approve resolution.



Utilities Department • 333 West Ellsworth Street • Midland, Michigan 48640-5132 • (989) 837-3341 • CitizenCommentsWater@midland-mi.org

December 7, 2016

Jon Lynch, City Manager
City of Midland

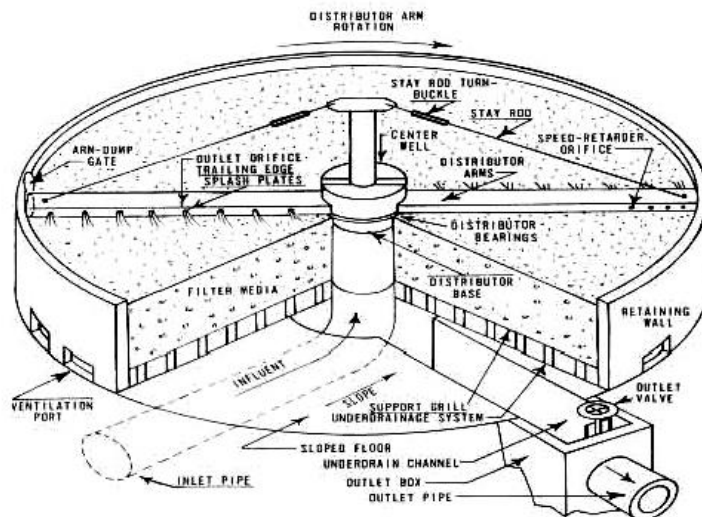
RE: WASTEWATER – ALUMINUM FOR TRICKLING FILTER ARMS, BID NO. 3832

Dear Mr. Lynch:

The City of Midland Wastewater Treatment Plant (WWTP) has two different secondary biological processes associated with the treatment of sewage as it flows through the WWTP. One half of the WWTP utilizes an oxidation ditch process, while the other half utilizes trickling filters.

The trickling filter side of the WWTP was constructed in 1962, and is comprised of two parallel trains (an east and a west), each utilizing a primary tank, a primary trickling filter, an intermediate clarifier, a secondary trickling filter, and a final clarifier. That order of flow progressively settles out solids and breaks down the biological content of the sewage.

The schematic to the right is of a typical secondary trickling filter. Each of the City's secondary trickling filters are 80 foot diameter tanks with 7 feet deep filter media (media) that fills the tank. The filter has a center column and two 35 foot long distribution arms connected to the center column. The sewage flows up through the center column passing equally through the two arms, as the arms are hydraulically rotating over the media in a clockwise motion. The arms contain orifices in the top that the sewage will flow out of and distribute over the media evenly. The bacteria lives on the media and will break down the organics as the wastewater passes down through the media and finally out to the next phase of treatment.



The center column and distribution arms are made of aluminum and were replaced in 1990 as part of the plant upgrade. The aluminum is breaking down, with pitting and welds starting to fail due to the corrosive nature of the wastewater. The cost to purchase pre-built arms and center column for both secondary trickling filters from a manufacturer is approximately \$180,000.00.

Wastewater staff researched the idea of purchasing the necessary aluminum pieces, with some shaping provided by the manufacturer, and the remaining fabrication, assembling, and welding of the center columns and arms are to be done in-house by WWTP mechanics.

On November 22, 2016, a lone bid was received for Bid No. 3832, Aluminum for Trickling Filter, in accord with section 2-18 of the Midland Code of Ordinances. Tru Steel Metals LLC, Bedford Heights, Ohio submitted the lone bid in the amount of \$38,964.45, and will supply aluminum pieces, with some rolling, bending, and fabrication of the center columns and arms, and deliver to the WWTP.

Wastewater staff will then weld all the pieces necessary to rebuild the whole system in-house at a considerable savings of approximately \$120,000.00, as follows:

If Purchased and installed	\$180,000.00
Purchase of Parts	-38,964.45
<u>Internal Labor and Supplies</u>	<u>-20,000.00</u>
Total Savings	\$121,035.55

Funding has been budgeted for the purpose of replacing both secondary trickling filters in the 2016/17 Wastewater Enterprise Fund Account 590.9010.97.002 - Capital Outlay Construction. Staff therefore requests that a purchase order in the amount of \$38,964.45 be made to Tru Steel Metals for the supply and delivery of aluminum pieces to be used in the assembly of two secondary trickling filters at the WWTP. The attached resolution requires a 3/5 vote to approve.

Respectfully submitted,

Joseph Sova, Utilities Director

Tiffany Jurgess, Sr. Procurement Accountant



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BY COUNCILMAN

WHEREAS, the City of Midland Wastewater Treatment Plant (WWTP) has two different secondary biological processes associated with the treatment of sewage as it flows through the WWTP, with one half of the WWTP utilizing an oxidation ditch process, while the other half utilizes trickling filters; and

WHEREAS, the trickling filter side of the WWTP was constructed in 1962, and is comprised of two parallel trains (an east and a west), each utilizing a primary tank, a primary trickling filter, an intermediate clarifier, a secondary trickling filter, and a final clarifier, to progressively settle out solids and break down the biological content of the sewage; and

WHEREAS, the center column and distribution arm components of the secondary trickling filters are made of aluminum and were last replaced in 1990 as part of the plant upgrade; and

WHEREAS, the aluminum is breaking down, with pitting and welds starting to fail due to the corrosive nature of the wastewater; and

WHEREAS, staff researched the idea of purchasing the necessary aluminum pieces, with some shaping provided by the manufacturer, and the remaining fabrication, assembling, and welding of the center columns and arms are to be done in-house by WWTP mechanics; and

WHEREAS, on November 22, 2016, a lone bid was received for Bid No. 3832, Aluminum for Trickling Filter, in accord with section 2-18 of the Midland Code of Ordinances, from Tru Steel Metals LLC, Bedford Heights, Ohio in the amount of \$38,964.45, and will supply aluminum pieces, with some rolling, bending, and fabrication of the center columns and arms, and deliver to the WWTP at a substantial cost savings to the City; and

WHEREAS, funding has been budgeted for the purpose of replacing both secondary trickling filters in the 2016/17 Wastewater Enterprise Fund Account 590.9010.97.002 - Capital Outlay Construction; now therefore

RESOLVED, that the lone bid in the amount of \$38,964.45 is hereby accepted and a purchase order in that amount is authorized to Tru Steel Metals for the supply and delivery of aluminum pieces to be used in the assembly of two secondary trickling filters at the WWTP, in the best interest of the City.

YEAS:

NAYS:

ABSENT:

I, Selina Tisdale, City Clerk, City of Midland, Counties of Bay and Midland, State of Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by a yea vote of all the Councilmen present at a regular meeting of the City Council held Monday, December 12, 2016.

Selina Tisdale, City Clerk